

Figure 1A

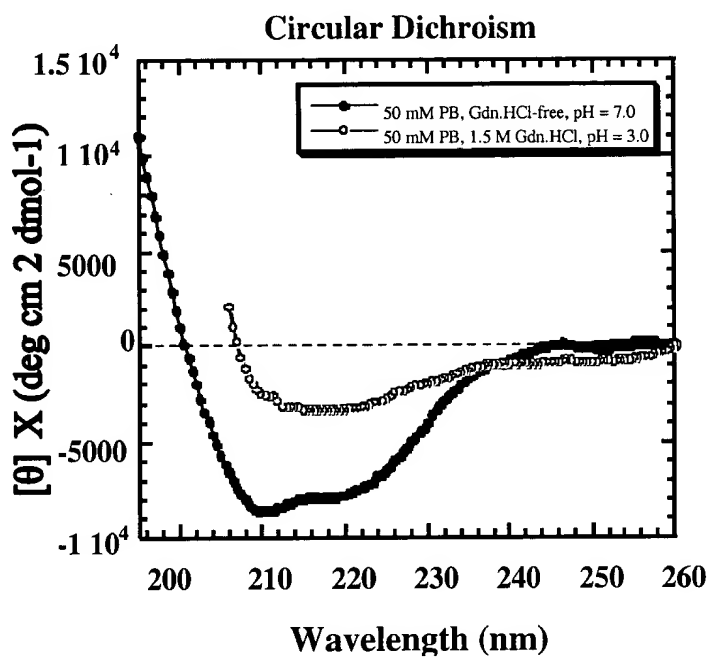
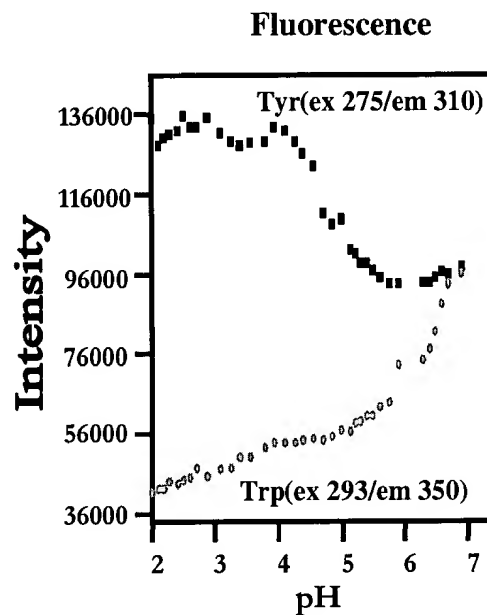


Figure 1B



[illegible]

BOVINE	1	MVKSHIGSWILVLFVAMWS	DVGLCKKRPKPGGG	WNTGGS	RYPGQS	PGGNR	YPPQGGG	GW		
MAN	1	- - MANLGSWMLVLFVATWS	DVGLCKKRPKPGGG	- WNTGGS	RYPGQS	PGGNR	YPPQGGG	GW		
SHEEP	1	MVKSHIGSWILVLFVAMWS	DVGLCKKRPKPGGG	WNTGGS	RYPGQS	PGGNR	YPPQGGG	GW		
MOUSE	1	- - MANLGYWL LALFVT	MWTDVGLCKKRPKPGGG	- WNTGGS	RYPGQS	PGGNR	YPPQGGG	- TW		
HAMSTER	1	- - MANLSYWL LALFVAMWT	DVGLCKKRPKPGGG	- WNTGGS	RYPGQS	PGGNR	YPPQGGG	TW		
BOVINE	61	GQPHGGGGWGQPHGGGGWGQ	PHGGGGWGQPHGGGGWGQ	PHGGGGWGQ	- WGQPHGGGGGGWGQG	G	THGQWNKPSKPK	TN		
MAN	58	GQPHGGGGWGQPHGGGGWGQ	PHGGGGWGQPHGGGGWGQ	PHGGGGWGQ	- GGQ	- - - - -	THSQWNKPSKPK	TN		
SHEEP	61	GQPHGGGGWGQPHGGGGWGQ	PHGGGGWGQPHGGGGWGQ	PHGGGGWGQ	- GG	- - - - -	THSQWNKPSKPK	TN		
MOUSE	57	GQPHGGGGWGQPHGGGGWGQ	PHGGGGWGQPHGGGGWGQ	PHGGGGWGQ	- GGQ	- - - - -	THNQWNKPSKPK	TN		
HAMSTER	58	GQPHGGGGWGQPHGGGGWGQ	PHGGGGWGQPHGGGGWGQ	PHGGGGWGQ	- GGQ	- - - - -	THNQWNKPSKPK	TN		
BOVINE	120	MKHVAGAAAAAGAVVGG	LGGYMLGSA	MSRPLIHFG	SDYEDR	YYR	ENMHRYPNOV	YYR	PVDO	
MAN	109	MKHMAGAAAAAGAVVGG	LGGYMLGSA	MSRPLIHFG	SDYEDR	YYR	ENMHRYPNOV	YYR	PMDE	
SHEEP	112	MKHVAGAAAAAGAVVGG	LGGYMLGSA	MSRPLIHFG	NDYEDR	YYR	ENMYRYPNOV	YYR	PVDQ	
MOUSE	108	LKHVAGAAAAAGAVVGG	IGGYMLGSA	VSRLPMIHFG	NDWE	DR	YYR	ENMYRYPNOV	YYR	PVDQ
HAMSTER	109	MKHMAGAAAAAGAVVGG	LGGYMLGSA	MSRPMMHFG	NDWE	DR	YYR	ENMNRYPNOV	YYR	PVDQ
BOVINE	180	YSNQNNFVHDCVNI	TIKQHTVTTTT	TKGENFT	ETD	DKMMER	VEQMC	ITQYQ	RESQA	YYC
MAN	169	YSNQNNFVHDCVNI	TIKQHTVTTTT	TKGENFT	ETD	VKMMER	VEQMC	ITQYQ	RESQA	YYC
SHEEP	172	YSNQNNFVHDCVNI	TIKQHTVTTTT	TKGENFT	ETD	DKIMER	VEQMC	ITQYQ	RESQA	YYC
MOUSE	168	YSNQNNFVHDCVNI	TIKQHTVTTTT	TKGENFT	ETD	VKMMER	VEQMC	VTQYQ	KESQA	YYEG
HAMSTER	169	YNNQNNFVHDCVNI	TIKQHTVTTTT	TKGENFT	ETD	DKIMER	VEQMC	TTQYQ	KESQA	YYEG
BOVINE	239	- RGASVILFSSPPV	ILLISFLIFL	IVG						
MAN	228	- RGSSMVLFFSSPPV	ILLISFLIFL	IVG						
SHEEP	231	- RGASVILFSSPPV	ILLISFLIFL	IVG						
MOUSE	228	- RRSSTVLFFSSPPV	ILLISFLIFL	IVG						
HAMSTER	229	- RRSASVLFSSPPV	ILLISFLIFL	MVG						

### Figure 3

Solvent-accessible

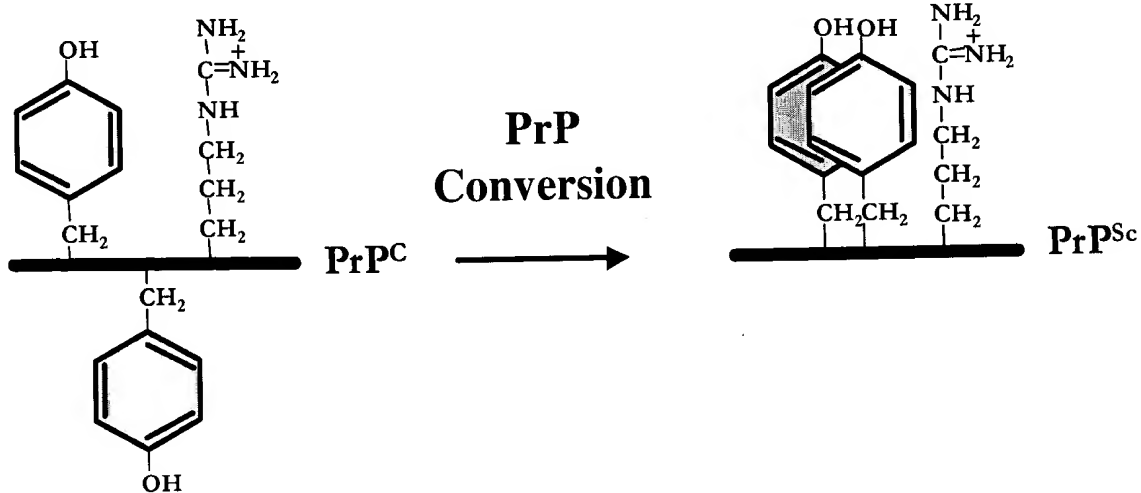


Figure 4

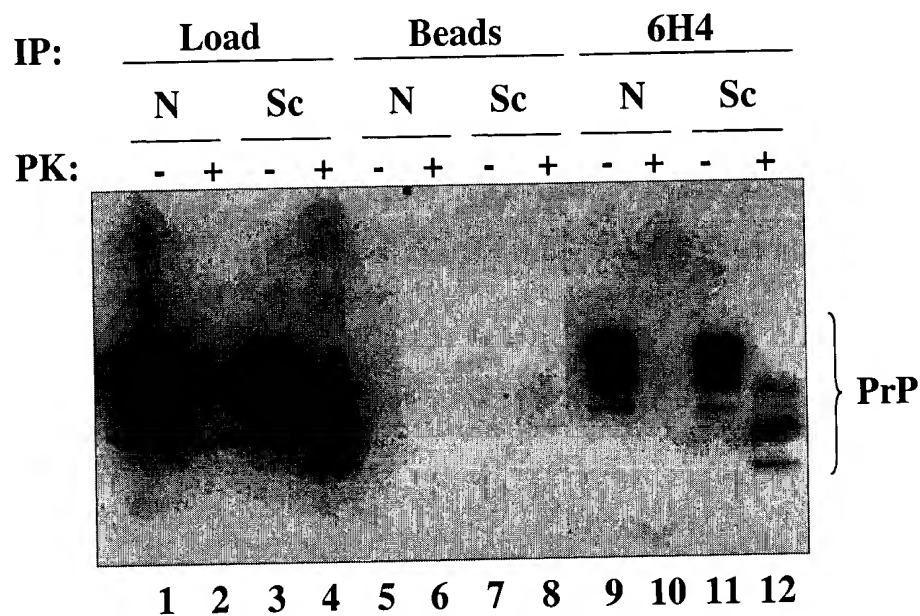
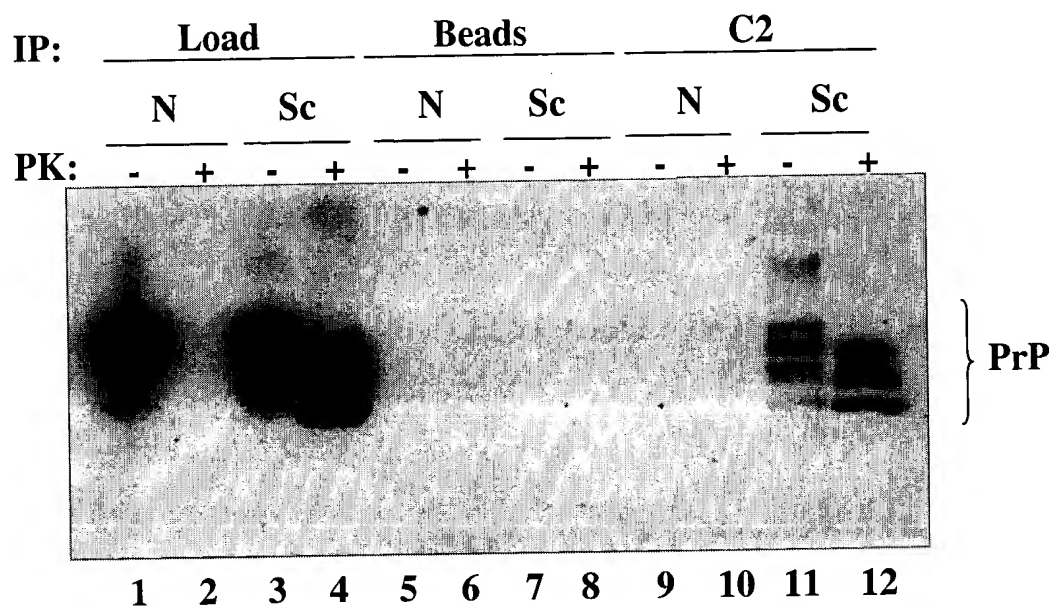


Figure 5



**Figure 6**

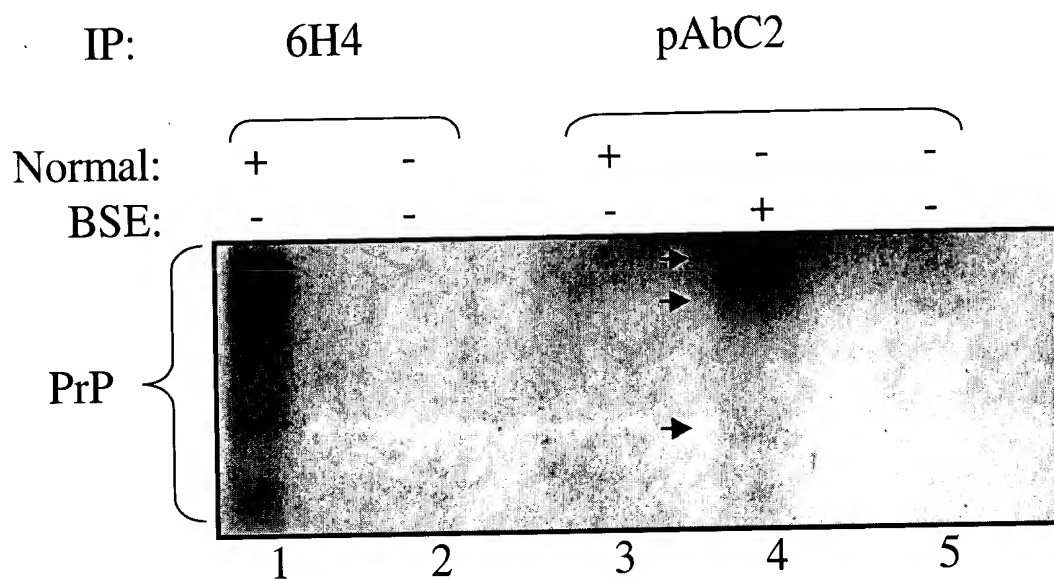


Figure 7

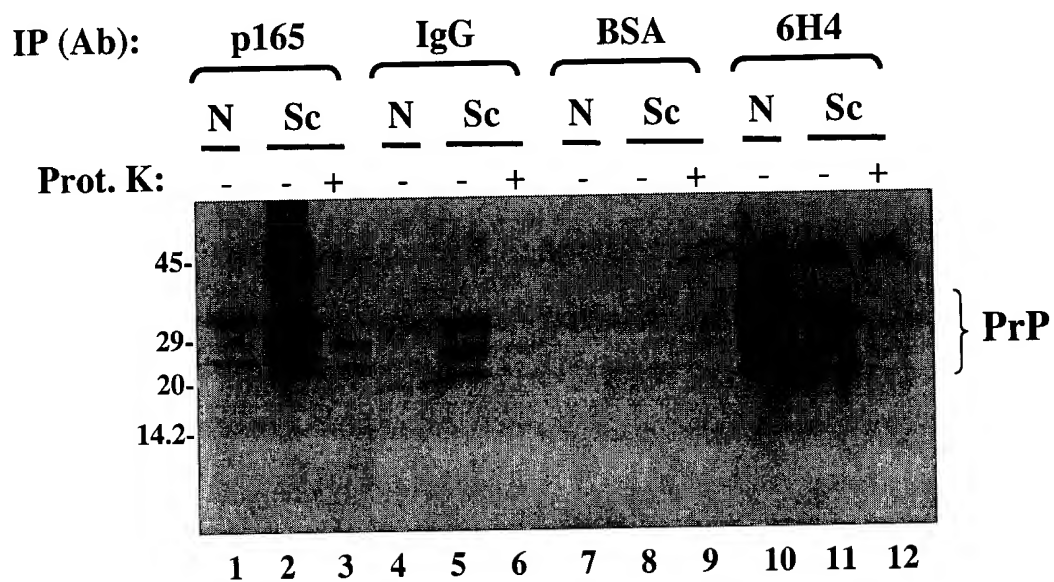
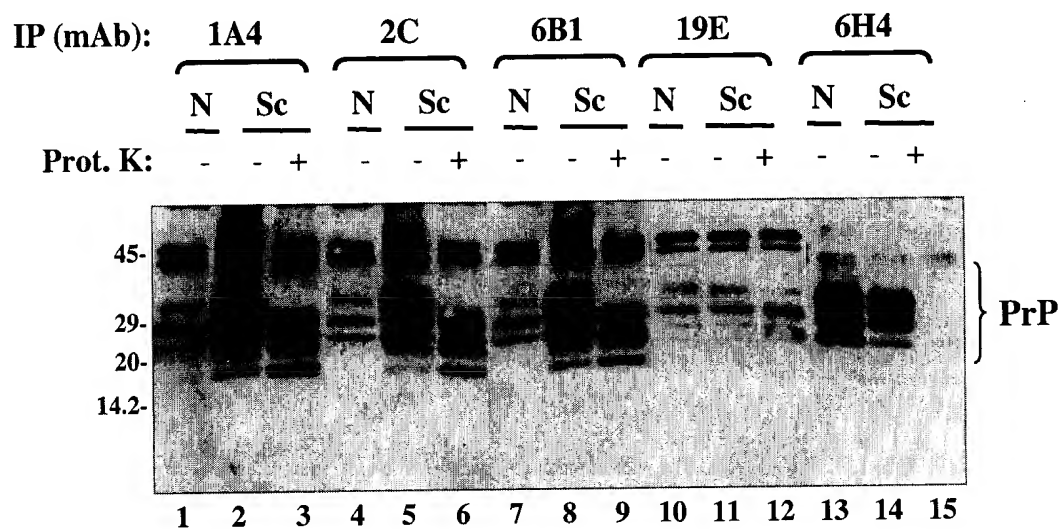


Figure 8

0960275-062200





**Figure 9**

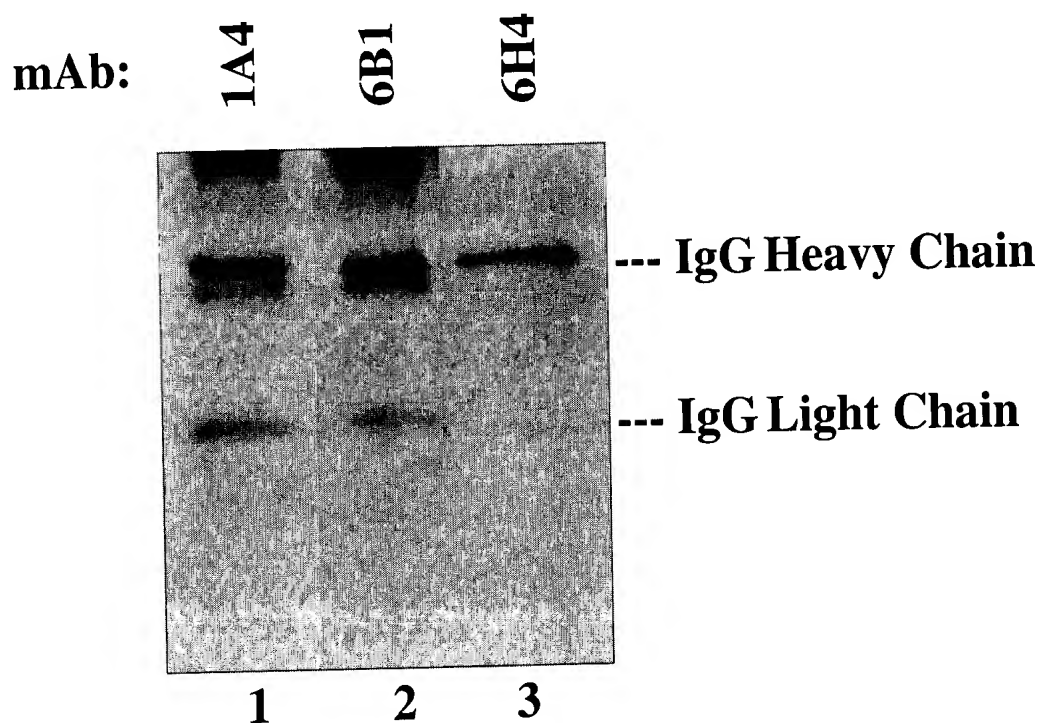


Figure 10

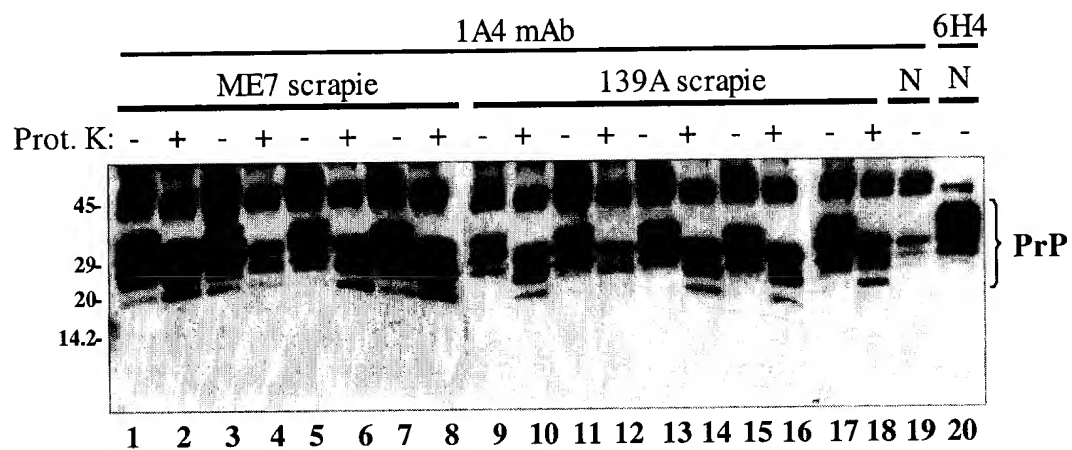
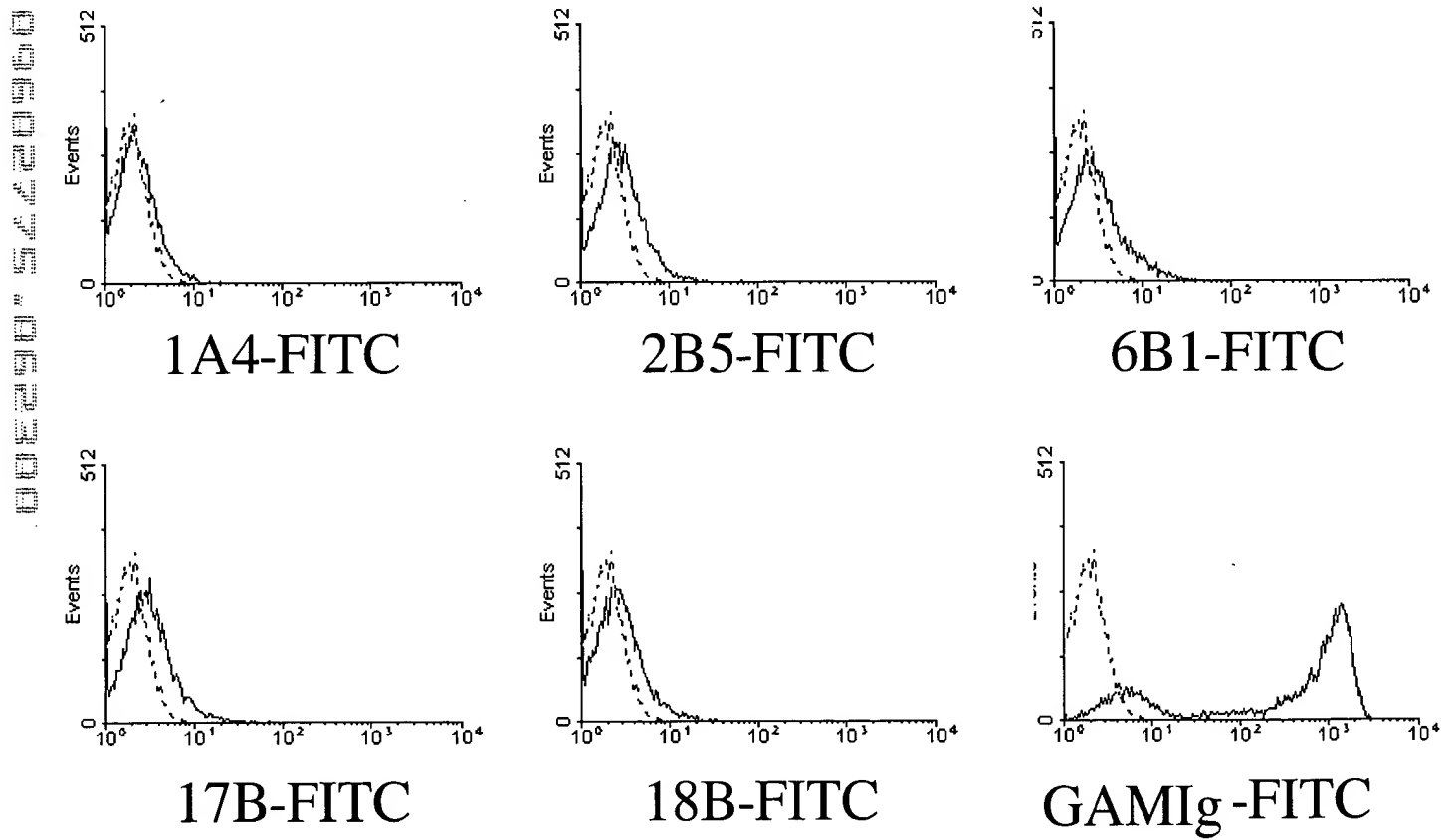


Figure 11



Figure 13



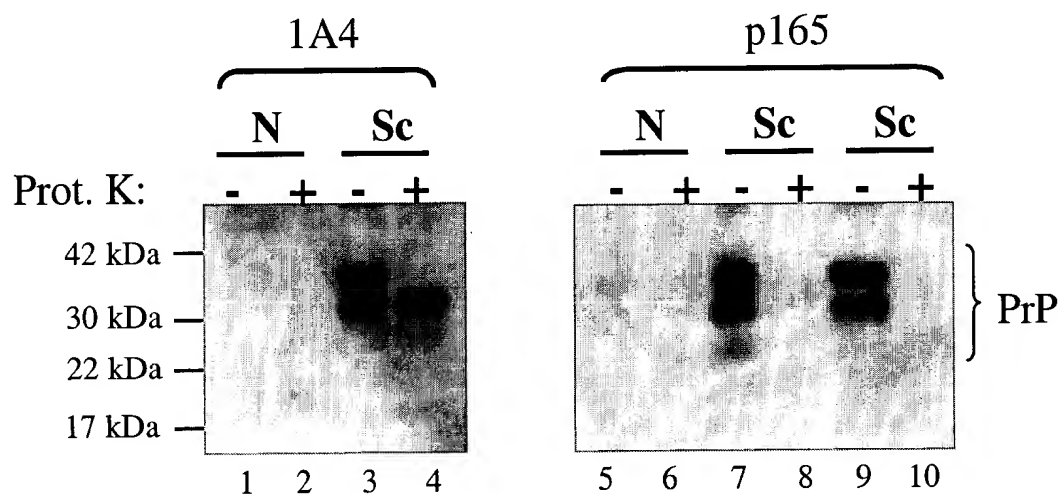


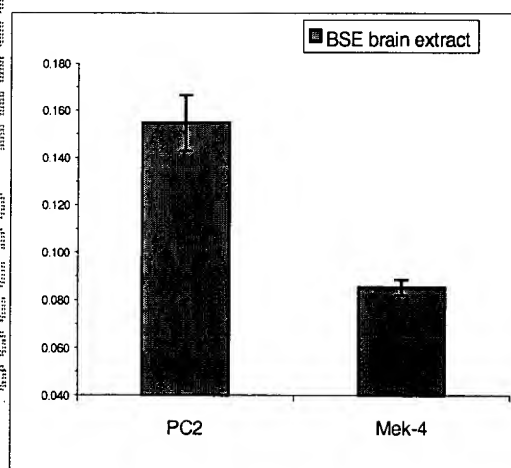
Figure 14

Western blot analysis of PrP protein. The blot shows four lanes labeled 1 to 4 at the bottom. Above the lanes, the PrP status is indicated: lanes 1 and 2 are marked with "-", and lanes 3 and 4 are marked with "+". A bracket on the left side of the blot is labeled "PrP". Lane 1 (Normal) shows a single band at a lower molecular weight. Lane 2 (BSE) shows a single band at a higher molecular weight. Lane 3 (BSE) shows a single band at a higher molecular weight. Lane 4 (Normal) shows a single band at a lower molecular weight. The bands in lanes 2 and 3 are significantly more intense than those in lanes 1 and 4.

### Figure 15

# Figure 16

A



B

